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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In regard to the application of: Amir LOSHAKOVE et al.

Serial No : US Nat'l Phase of PCT/IB00/00310

Group Art Unit: To be assigned

Filed : Herewith

Examiner: Unknown

For : LOW PROFILE ANASTOMOSIS CONNECTOR

**INFORMATION DISCLOSURE STATEMENT**

Hon. Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

The present application is a U.S. national phase of PCT Application No. PCT/IB00/00310, filed March 20, 2000. The present application is also a continuation-in-part of USSN 09/701,531 (national of PCT/IL99/00284), USSN 09/701,523 (national of PCT/IL99/00285), PCT/IL99/00670 and PCT/IL99/00674.

Applicants respectfully direct the attention of the Examiner to art cited with respect to the aforementioned applications. The Examiner is respectfully requested to review and consider this art, in accordance with MPEP 2001.06, MPEP 1893.03(e) and MPEP 1893.03(g) and to indicate in the first office action that he has considered this art. Additionally, the Examiner is respectfully requested to cite those prior art publications mentioned in this application which the Examiner considers to be material or relevant to the present claims.

Further, in order to comply with discretionary regulations 37 C.F.R. §1.97 and §1.98, attached is Form PTO-1449 listing the cited art. Copies<sup>1</sup> of the art are available in parent files U.S. Application No. 09/701,523 filed on November 28, 2000 (items 92-94 and 112) and U.S. Application No. 09/701,531 filed on November 28, 2000 (items 1-20, 22-38, 40-70, 74-90 and 95-111). This art contains information which the examiner may consider to be important in deciding whether to allow the present application to issue as a patent.

<sup>1</sup> To the extent that a document is listed and no copy of same is attached, then such document is not at the present time available to the undersigned or is available in the national stage file. If a listed document is not in the English language and an English translation is readily available, such translation is also attached; if translation is not attached, it is not readily available to the undersigned. If a foreign language patent document is cited, and an English language equivalent is known to the undersigned, then such an equivalent patent is also cited on the attached form along with the corresponding foreign language patent and a connecting arrow indicated therebetween; if no such English language equivalent is cited then none is known to the undersigned.

Applicants wish to point out that 21, 39, 71-73 and 91 were cited on the PCT International Search Report. Copies of these items are not attached as they are available in the national stage file.

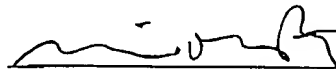
Although DE Publication No. 28 22 603 (item 112) is in a foreign language, US equivalent is not known to the applicants and is therefore not provided. Applicants attach a copy of an English language abstract of the reference.

In accordance with MPEP Section 609 it is requested that each document cited (including any mentioned in Applicant's specification which is not repeated on the attached PTO-1449 form) be given thorough consideration and be cited of record in the prosecution history of the present application by initialing on the PTO-1449 form, so that it will appear on the face of the patent issuing on the present application, even if the Examiner does not consider it sufficiently pertinent to use in a rejection, or otherwise does not believe that the guidelines for citation have been fully complied with.

The present Information Disclosure Statement is being submitted in compliance with 37 C.F.R. §1.56 as an Examiner might consider any cited document important in deciding whether to allow the application to issue as a patent, but the citation of each document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a complete search, and it is anticipated that the Examiner in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 C.F.R. §1.104(a), and in the course of such search will review for relevance every document cited on the attached form.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,  
Amir LOSHAKOVE et al.



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Registration No. 41,016

September 13, 2001  
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 088/02389

 SERIAL NO.  
 US Nat'l of PCT/IB00/00310

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To be assigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	3,221,746	7 Dec '65	NOBLE, J. W.			
	2	3,519,187	7 Jul '70	KAPITANOV, N. N. et al.			
	3	3,657,744	25 Apr '72	ERSEK, R. A.			
	4	4,018,228	19 Apr '77	GOOSEN, C. C.			
	5	4,214,587	29 Jul '80	SAKURA, JR., C. Y.			
	6	4,352,358	5 Oct '82	ANGELCHIK, J. P.			
	7	4,368,736	18 Jan '83	KASTER, R. L.			
	8	4,846,174	11 Jul '89	WILLARD, L. K. et al.			
	9	4,872,874	10 Oct '89	TAHERI, S. A.			
	10	4,917,087	17 Apr '90	WALSH, D. J. et al.			
	11	4,930,674	5 Jun '90	BARAK, J. H.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	12	EP 0 539 237	28 Apr '93	EUROPE				
	13	EP 1 055 401	29 Nov '00	EUROPE				
	14	GB 2 094 212	15 Sep '82	UNITED KINGDOM				
	15	IT 1215699	22 Feb '90	ITALY				
	16	WO 89/06515	27 Jul '89	PCT				

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	17	DRANEY, M. et al.; "Coronary Artery Bypass Surgery: Minimally Invasive Techniques"; May 1998; Retrieved from Internet: < <a href="http://me210abc.stanford.edu/9495/projects/Pfizer/Spring/1.htm">http://me210abc.stanford.edu/9495/projects/Pfizer/Spring/1.htm</a> >
	18	OBORA, Y. et al.; "Nonsuture Microvascular Anastomosis Using Magnet Rings: Preliminary Report"; February 1978; pp. 117-120; Sur Neurol (United States); Vol. 9, No. 2

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	19	5,035,702	30 Jul '91	TAHERI, S. A.			
	20	5,041,082	20 Aug '91	SHIBER, S.			
	21	5,234,447	10 Aug '93	KASTER, R. L. et al.			
	22	5,254,127	19 Oct '93	WHOLEY, M. H. et al.			
	23	5,366,462	22 Nov '94	KASTER, R. L. et al.			
	24	5,441,517	15 Aug '95	KENSEY, K. et al.			
	25	5,536,251	16 Jul '96	EVARD, P. C. et al.			
	26	5,540,715	30 Jul '96	KATSAROS, G. et al.			
	27	5,562,690	8 Oct '96	GREEN, D. T. et al.			
	28	5,562,728	8 Oct '96	LAZARUS, H. M. et al.			
	29	5,658,282	19 Aug '97	DAW, D. J. et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	30	WO 89/08433	21 Sep '89	PCT				
	31	WO 96/25886	29 Aug '96	PCT				
	32	WO 96/33673	31 Oct '96	PCT				
	33	WO 97/13463	17 Apr '97	PCT				
	34	WO 97/13471	17 Apr '97	PCT				

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	35	ÖSTRUP, L. T. et al.; "The UNILINK Instrument System for Fast and Safe Microvascular Anastomosis"; pp.521-526; Department of Plastic Surgery, Hand Surgery, and Burns; University Hospital, Sweden; presented in part at the First Scandinavian Seminar on Reconstructive Microsurgery, Sweden, October 1979, and at the Symposium on Microvascular Surgery, Denmark, January 1983
	36	YACHIA, D. et al.; "Bio-Fragmentable Anastomosis Ring in Urological Surgery Involving the Gastrointestinal Tract: Early Experiences and a Historical Review of Mechanical Intestinal Anastomosis"; May 1995; pp. 1426-1428; The Journal of Urology; Vol. 153

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	37	5,676,670	14 Oct '97	KIM, D.			
	38	5,676,696	14 Oct '97	MARCADE, J. P.			
	39	5,695,504	9 Dec '97	GIFFORD, III, H. S. et al.			
	40	5,702,412	30 Dec '97	POPOV, A. et al.			
	41	5,755,778	26 May '98	KLESHINSKI, S. J.			
	42	5,758,663	2 Jun '98	WILK, P. J. et al.			
	43	5,797,920	25 Aug '98	KIM, D.			
	44	5,797,934	25 Aug '98	RYGAARD, J. A.			
	45	5,817,113	6 Oct '98	GIFFORD, III, H. S. et al.			
	46	5,830,222	3 Nov '98	MAKOWER, J.			
	47	5,833,698	10 Nov '98	HINCHLIFFE, P. W. J. et al.			

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							YES	NO
	48	WO 97/27898	7 Aug '97	PCT				
	49	WO 97/28749	14 Aug '97	PCT				
	50	WO 97/40754	6 Nov '97	PCT				
	51	WO 98/32412	30 Jul '98	PCT				
	52	WO 98/38922	11 Sep '98	PCT				

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	53	Copy of Certified Copy of USSN 09/187,361, published on May 18, 2000, GALDONIK, J. A. et al., "Medical Graft Component and Methods of Installing Same"
	54	Copy of Certified Copy of USSN 09/187,364, published on May 18, 2000, BERG, T. A. et al., "Minimally Invasive Revascularization Apparatus and Methods"

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55	5,910,155	8 Jun '99	RATCLIFF, K. et al.			
56	5,922,000	13 Jul '99	CHODOROW, I. S.			
57	5,976,159	2 Nov '99	BOLDUC, L. R. et al.			
58	6,004,341	21 Dec '99	ZHU, Y. H. et al.			
59	6,026,814	22 Feb '00	LAFONTAINE, D. M. et al.			
60	6,035,856	14 Mar '00	LAFONTAINE, D. M. et al.			
61	6,036,702	14 Mar '00	BACHINSKI, T. J. et al.			
62	6,071,292	6 Jun '00	MAKOWER, J. et al.			
63	6,190,353	20 Feb '01	MAKOWER, J. et al.			
64	3,180,337	27 Apr '65	SMIALOWSKI, A. J.			
65	3,908,662	30 Sep '75	RAZGULOV, M. M. et al.			

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						YES	NO
66	WO 98/38939	11 Sep '98	PCT				
67	WO 98/38941	11 Sep '98	PCT				
68	WO 98/38942	11 Sep '98	PCT				
69	WO 98/57592	23 Dec '98	PCT				
70	WO 99/21491	6 May '99	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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	71	4,214,586	29 Jul '80	MERICLE, R. W.			
	72	4,657,019	14 Apr '87	WALSH, D. J. et al.			
	73	5,234,448	10 Aug '93	WHOLEY, M. H. et al.			
	74	2,250,058	5 Oct '93	MILLER, M. B. et al.			
	75	5,445,632	29 Aug '95	BLAKE, K. R. et al.			
	76	5,690,656	25 Nov '97	COPE, C. et al.			
	77	5,893,369	13 Apr '99	LEMOLE, G. M.			
	78	5,931,842	3 Aug '99	GOLDSTEEN, D. S. et al.			
	79	5,976,178	2 Nov '99	GOLDSTEEN, D. S.			
	80	5,993,468	30 Nov '99	RYGAARD, J. A.			
	81	5,275,622	4 Jan '94	LAZARUS, H. M. et al.			

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							YES	NO
	82	WO 99/37218	29 Jul '99	PCT				
	83	WO 99/40851	19 Aug '99	PCT				
	84	WO 99/65409	23 Dec '99	PCT				
	85	WO 00/27311	18 May '00	PCT				
	86	WO 00/27312	18 May '00	PCT				

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87	5,425,739	20 Jun '95	JESSEN, J. W.			
88	5,868,763	9 Feb '99	SPENCE, P. A. et al.			
89	5,957,973	28 Sep '99	QUACHON, D. B. et al.			
90	6,004,330	21 Dec '99	MIDDLEMAN, L. M. et al.			
91	4,366,819	4 Jan '83	KASTER, R. L.			
92	3,586,002	22 Jun '71	WOOD, E. C.			
93	5,948,425	7 Sep '99	JANZEN, E. et al.			
94	5,964,782	12 Oct '99	LAFONTAINE, D. M. et al.			

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						YES	NO
95	WO 00/27313	18 May '00	PCT				
96	WO 00/53104	14 Sep '00	PCT				
97	WO 00/66007	9 Nov '00	PCT				
98	WO 00/69343	23 Nov '00	PCT				
99	WO 00/69346	23 Nov '00	PCT				

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	105	WO 98/19634	14 May '98	PCT				
	106	WO 98/19635	14 May '98	PCT				
	107	WO 98/19636	14 May '98	PCT				
	108	WO 98/55027	10 Dec '98	PCT				
	109	WO 98/57591	23 Dec '98	PCT				

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DE 2822603 A 19791129  
DE 2822603 C 19870326

197949 B  
198712

Priority Applications (No Type Date): DE 2822603 A 19780524

Abstract (Basic): DE 2822603 A

The instrument closes a tissue fault such as a muscular rupture, using a shield which is brought to the fault in the folded state in a capsule. After capsule removal it is unfolded, and removed from a probe carrying the capsule.

To correct a septum defect there are detachable scissor-type supporting members (12) on the probe (8), having fixed to them a skin which can be held taut by them. A guide catheter moves coaxially to the probe and extends them radially into the taut position in relation to it.

Title Terms: TISSUE; FAULT; CLOSE; INSTRUMENT; SKIN; FIX; SCISSORS; TYPE;

SUPPORT; EXPAND; RADIAL; CATHETER; PROBE

Derwent Class: P31; P32

International Patent Class (Additional): A61B-017/12; A61F-001/00; A61F-002/00

File Segment: EngPI

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Sub account: 2320

\$4.84 0.206 DialUnits File351

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\$4.02 1 Types

\$8.86 Estimated cost File351

\$0.19 TELNET

\$9.05 Estimated cost this search

\$9.11 Estimated total session cost 0.408 DialUnits

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